

NT3 Cesium 137
 NT3 Cobalt 58
 NT3 Iodine 131
 NT3 Manganese 54
 NT3 Radon 222
 NT3 Selenium 75
 NT3 Zinc 65
 NT3 Zirconium 95
 NT2 Delayed Neutron Precursors
 NT2 Delayed Proton Precursors
 NT2 Element 104 Isotopes
 NT2 Element 105 Isotopes
 NT2 Element 106 Isotopes
 NT2 Element 107 Isotopes
 NT2 Element 108 Isotopes
 NT2 Element 109 Isotopes
 NT2 Heavy Ion Decay Radioisotopes
 NT2 Hours Living Radioisotopes
 NT3 Cesium 134
 NT3 Cobalt 58
 NT2 Internal Conversion Radioisotopes
 NT3 Cesium 134
 NT3 Cobalt 60
 NT3 Cobalt 58
 NT2 Isomeric Transition Isotopes
 NT3 Cesium 134
 NT3 Cobalt 60
 NT3 Cobalt 58
 NT2 Microsec Living Radioisotopes
 NT2 Millisec Living Radioisotopes
 NT2 Minutes Living Radioisotopes
 NT3 Cobalt 60
 NT3 Thorium 232
 NT2 Nanosec Living Radioisotopes
 NT2 Neutron-Deficient Isotopes
 NT2 Neutron-Rich Isotopes
 NT2 Proton Decay Radioisotopes
 NT2 Radon Progeny
 NT3 Radon 222
 NT2 Seconds Living Radioisotopes
 NT2 Transuranic Radionuclides
 NT2 Years Living Radioisotopes
 NT3 Antimony 125
 NT3 Cesium 134
 NT3 Cobalt 60
 NT3 Radium 226
 NT3 Radium 228
 NT3 Ruthenium 103
 NT3 Strontium 90
 NT3 Thorium 230
 NT3 Tritium
 NT3 Uranium 238
 NT1 Transuranic Elements
 NT1 Transuranic Nuclides
 RT Fertile
 RT Fissile
 SO Emergency Preparedness
 SO Radiation
 DEF (NCRP) (1) A species of atom characterized by its mass number, atomic number, and energy state of its nucleus, provided that the atom is capable of existing for a measurable time. (2) A species of atom characterized by the constitution of its nucleus.

NUTRIENTS

(EPA)

DA October 12, 1990

RT Eutrophication
 RT Fertilizers
 SO Environmental Protection Agency
 Glossary
 DEF (EPA) Any substances assimilated by living things that promote growth. The term is generally applied to nitrogen and phosphorus in wastewater, but is also applied to other essential and trace elements.

NV

DA October 12, 1990
 SEE Nevada Operations Office
 SO Acronyms

NWC

DA October 12, 1990
 SEE DOE Nuclear Weapons Complex
 SO Acronyms

NWPA

DA October 12, 1990
 SEE Nuclear Waste Policy Act
 SO Acronyms

O&M

DA October 12, 1990
 SEE Operations and Maintenance
 SO Acronyms

O-UNIT

(NFI)
 DA October 12, 1990
 SO Nuclear Facilities Incident Database
 SO Radiation
 DEF (NFI) Control rod drive for partial rods.

OAC

DA October 12, 1990
 SEE Ohio Administrative Code
 SO Acronyms

OAK RIDGE ASSOCIATED UNIVERSITIES

DA January 8, 1991
 SF ORAU
 BT1 DOE Contractors
 BT2 Potentially Responsible Parties
 BT1 Research and Development Organizations
 BT2 Organizations
 RT Oak Ridge Operations Office
 RT Universities
 DEF (Capsule Review of DOE Research and Development and Field Facilities, 1986) A private, not-for-profit association comprised of 55 colleges and universities. ORAU conducts research and educational programs in energy, health and the environment for DOE, member institutions of ORAU, other colleges and universities and

private and governmental organizations.

OAK RIDGE GASEOUS DIFFUSION PLANT

DA January 8, 1991
 SF ORGDP
 BT1 Government-Owned Contractor-Operated Facilities
 BT2 Federal Facilities
 BT3 Facilities
 RT Martin Marietta Energy Systems

OAK RIDGE NATIONAL LABORATORY

DA January 8, 1991
 SF ORNL
 BT1 Government-Owned Contractor-Operated Facilities
 BT2 Federal Facilities
 BT3 Facilities
 BT1 Laboratories
 BT2 Research and Development Organizations
 BT3 Organizations
 RT Martin Marietta Energy Systems
 RT Oak Ridge Operations Office
 DEF (Capsule Review of DOE Research and Development and Field Facilities, 1986) Founded in 1943, ORNL primarily supports the fission nuclear fuel cycle and development of magnetic fusion energy through scientific research and technology. In addition, ORNL identifies and solves generic research problems in energy technologies such as materials, separation techniques, chemical processes and biotechnology and is the major national source of stable and radioactive isotopes.

OAK RIDGE OPERATIONS OFFICE

DA January 8, 1991
 SF OR
 SF ORO
 BT1 Operations Offices
 BT2 Offices
 BT3 Administrative Organizations
 BT4 Organizations
 BT2 U.S. Department of Energy
 BT3 Federal Agencies
 BT4 Agencies
 BT5 Administrative Organizations
 BT6 Organizations
 RT Boeing Petroleum Services
 RT Martin Marietta Energy Systems
 RT MK-Ferguson
 RT Oak Ridge Associated Universities
 RT Oak Ridge National Laboratory
 RT Southeastern Universities Research Association, Inc.
 RT Westinghouse Materials Company of Ohio
 RT Y-12 Plant
 DEF (Capsule Review of DOE Research and Development and Field Facilities, 1986) The Oak Ridge Operations Office was established under the Atomic Energy

BT-Broader Term

NT-Narrower Term

RT Related Term

Commission in 1942. The principal programs of the Office are the production of nuclear weapon components in support of national defense programs, production of enriched uranium for defense requirements and for fueling nuclear power plants in the U.S. and abroad, processing of uranium feed materials and fuel cores for DOE's plutonium production reactors and extensive energy research and development in all DOE program areas. In addition, the Office provides assistance to local, state and Federal government agencies and the private sector, and administers DOE contracts with universities in the Southeast. The Office reservation serves as a national environmental research site.

OAR

DA October 12, 1990
SEE Operation Assessment and Readiness
SO Acronyms

OBA

DA October 12, 1990
SEE Operating Basis Accident
SO Acronyms

OBE

DA October 12, 1990
SEE Operating Basis Earthquake
SO Acronyms

OBES

DA October 12, 1990
SEE Office of Basic Energy Sciences
SO Acronyms

OBLIQUE SLIP

(USGS)
DA October 12, 1990
BT1 Surface Faulting
BT2 Faults
SO Natural Phenomenon
DEF (USGS) A combination of strike-slip and dip-slip movement; movement or slip that is intermediate in orientation between the dip slip and the strike slip. Also called a diagonal slip fault.

OC

DA October 12, 1990
SEE Outer Chuck
SO Acronyms

OCAW

DA October 12, 1990
SEE Oil Chemical and Atomic Workers
SO Acronyms

OCB

DA October 12, 1990
SEE Oil Circuit Breaker
SO Acronyms

OCCUPATION (UNK)

(0001 OCCUP;UNK)
DA November 28, 1990
SO DOE FRASE VOCABULARY

OCCUPATIONAL DOSES

DA January 24, 1991
BT1 Doses
RT Ionizing Radiation
RT Occupational Exposure
SO Environmental Management
DEF (CFR) Exposure of individuals to radiation: (a) In a restrictive area or (b) In the course of employment in which the individual's duties involve exposure to radiation, provided that occupational dose shall not be deemed to include any exposure of an individual to radiation for the purpose of medical diagnosis or medical therapy of such individual.

OCCUPATIONAL EXPOSURE

(NCRP; IAEA)
DA October 12, 1990
BT1 Exposure
RT Annual Limit on Intake
RT Asbestosis
RT Health Hazards
RT Occupational Workers
RT Occupational Doses
RT Occupational Injuries
RT Occupational Illnesses
RT Special Health Supervision
RT Work Environment
RT Working Conditions
SO Nuclear Facilities Incident Database
SO Radiation
DEF (NCRP; IAEA) Exposure of a worker during a period of work.

OCCUPATIONAL HEALTH DIVISION

DA January 8, 1991
SF OHD
BT1 Divisions
BT2 Administrative Organizations
BT3 Organizations

OCCUPATIONAL ILLNESSES

(SSDC)
DA October 12, 1990
BT1 Illnesses
RT Asbestosis
RT Health Hazards
RT Incidence Rate, Total Recordable Cases (TRC)
RT Occupational Injuries
RT Occupational Exposure
RT Total Recordable Cases
SO System Safety Development Center Glossary
DEF (SSDC) Abnormal physical conditions or disorders of an

employee, other than one resulting from an occupational injury, caused by exposure to environmental factors associated with the employment. It includes (but may not be limited to) acute and chronic illnesses or diseases that may be caused by inhalation, absorption, ingestion, direct contact, or radiation.

OCCUPATIONAL INJURIES

(SSDC)
DA October 12, 1990
BT1 Injuries
RT Disabling Injuries
RT Health Hazards
RT Incidence Rate, Total Recordable Cases (TRC)
RT Occupational Illnesses
RT Occupational Exposure
RT Total Recordable Cases
RT Work Environment
SO System Safety Development Center Glossary
DEF (SSDC) Any injuries, such as cuts, fractures, sprains, or amputations, which result from a work-related accident or from exposure to the work environment. In some cases, an employer may classify an exposure to chemicals or toxic agents as an injury when there is a single traumatic event associated with the exposure.

OCCUPATIONAL MEDICAL PROGRAM

(DOE Order 5480.8)
DA October 16, 1990
BT1 Programs
RT Federal Employee Occupational Safety and Health Program
RT Minimum Requirements and Standards
RT Occupational Medicine
SO Industrial Hygiene
DEF (DOE 5480.8) A program to (1) assure the health and safety of employees in their work environments through the application of occupational medical principles; (2) determine the physical and mental fitness of employees to perform job assignments without undue hazard to themselves, fellow employees, or the public at large; (3) assure the early detection and treatment of employee illness or injuries by means of scheduled periodic health evaluations and unscheduled employee health visits; and (4) contribute to the maintenance of good employee health through the application of preventive medical measures, such as immunizations, alcohol and drug abuse programs, and health counseling.

OCCUPATIONAL MEDICINE

(Doe Order 5480.8)
 DA October 12, 1990
 RT Approved Medical Practitioners
 RT Environment, Safety, and Health (ES&H) Program
 RT Occupational Medical Program
 RT Special Health Supervision
 SO Industrial Hygiene
 DEF (DOE Order 5480.8) A specialty branch of the profession of medicine that deals with the health protection and health maintenance of employees, with special reference to job hazards, job stresses, and work environment hazards.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

(Doe Orders 5480.4 and 5483.1A)
 DA October 12, 1990
 SF OSHA
 BT1 Federal Agencies
 BT2 Agencies
 BT3 Administrative Organizations
 BT4 Organizations
 RT Federal Employee Occupational Safety and Health Program
 RT Material Safety Data Sheets
 RT National Institute for Occupational Safety and Health
 SO Industrial Safety
 SO Standards
 DEF (DOE Order 5483.1A) An agency of the U.S. Department of Labor, established under Public Law 91-596 with major responsibilities to promulgate, prescribe, and enforce occupational safety and health standards.

OCCUPATIONAL WORKERS

(Doe Order 5480.11)
 DA October 12, 1990
 BT1 Personnel
 NT1 Radiation Workers
 NT2 Non-Employee Radiation Workers
 RT Occupational Exposure
 SO Environmental Management
 SO Industrial Hygiene
 DEF (DOE Order 5480.11) Individuals who are either DOE or DOE contractor employees; employees of a subcontractor to a DOE contractor; or individuals who visit to perform work for or in conjunction with DOE or utilizes DOE facilities.

OCCUPATIONS

(DOE FRASE Vocabulary Numeric Keys 0001-0999)
 DA November 29, 1990
 NT1 Admin. Support/Clerical Employee
 NT2 Firefighter
 NT2 Food Service Employee
 NT2 Janitor
 NT2 Misc Service Employee
 NT2 Security Guard

NT1 Agriculture Personnel
 NT2 Forest Worker
 NT2 Groundskeeper
 NT2 Misc Agriculture Employee
 NT1 Handler/Laborer/Helper
 NT1 Military Personnel
 NT1 Misc Employee
 NT2 Misc Service Employee
 NT2 Misc Agriculture Employee
 NT2 Misc Repair/Construction Employee
 NT2 Misc Precision/Production Employee
 NT2 Misc Transport Employee
 NT1 Precision/Production Personnel
 NT2 Machinist
 NT2 Machine Setup/Operator
 NT2 Misc Precision/Production Employee
 NT2 Operator, Plant/System/Utility
 NT2 Sheet Metal Worker
 NT2 Welder/Solderer
 NT1 Professional Personnel
 NT2 Doctor/Nurse
 NT2 Engineer
 NT2 Misc Professional
 NT2 Scientist
 NT3 Health Physicist
 NT2 Technicians
 NT3 Engineering Technician
 NT3 Health Technician
 NT3 Miscellaneous Technician
 NT3 Radiation Monitor/Technician
 NT3 Science Technician
 NT1 Repair/Construction Personnel
 NT2 Carpenter
 NT2 Electrician
 NT2 Mason
 NT2 Mechanic/Repairer
 NT2 Miner/Driller
 NT2 Misc Repair/Construction Employee
 NT2 Painter
 NT2 Pipe Fitter
 NT1 Sales Person
 NT1 Transport Personnel
 NT2 Aircraft Pilot
 NT2 Bus Driver
 NT2 Equipment Operator
 NT2 Misc Transport Employee
 NT2 Truck Driver
 RT DOE FRASE Categories
 SO DOE FRASE VOCABULARY
 DEF A subject category used with the DOE FRASE Vocabulary.

OCCUPIABLE AREA

(DOE Order 6430.1A)
 DA October 12, 1990
 BT1 Sites/Areas
 SO Construction
 DEF That portion of the gross area that is available for use by an occupant's personnel or furnishings, including space that is available jointly to the various occupants of the buildings, such as auditoriums, health units, and snack bars. Occupiable area does not include space in the building

that is devoted to its operations and maintenance, including craft shops, gear rooms, and building supply storage and issue rooms. Ceiling-high corridors solely serving a single space assignment are "occupiable." Occupiable area is computed by measuring from the occupant's side of ceiling-high corridor partitions or partitions enclosing mechanical, toilet, and/or custodial space to the inside finish of permanent exterior building walls or the face of the convector if the convector occupies at least 50% of the length of exterior wall. When computing occupiable area separated by partitions, measurements are taken from the center line of the partitions.

OCCUPIED AREA (EXPLOSIVES)

(DOE Order 6430.1A)
 DA October 12, 1990
 BT1 Sites/Areas
 RT Explosives Buildings
 RT Inhabited Building Distance
 SO Construction
 DEF (DOE Order 6430.1A) Any work area to which personnel are assigned or any non-work area where persons regularly congregate. In the context of Class II bays for explosives facilities, access ramps and plant roads are not considered occupied areas.

OCCURRENCE REPORTING AND PROCESSING SYSTEM

(SSDC; DOE Order 5000.3A)
 DA May 20, 1991
 SF ORPS
 BT1 Safety Performance Measurement System
 BT2 Information Systems
 BT3 Security Interests
 BT3 Systems
 RT Computerized Accident/Incident Reporting System
 RT Occurrence Reports
 RT Unusual Occurrence Reporting System
 SO Environmental Management
 DEF (SSDC) One of the actuarial modules available on the Safety Performance Measurement System (SPMS) maintained by EG&G Idaho's System Safety Development Center (SSDC) at Idaho Falls, Idaho. The system provides a departmental (DOE) mechanism for submission, collection, transmission, and analysis of occurrence reports as required by DOE Order 5000.3A.

OCCURRENCE REPORTS

(DOE Order 5000.3A)
 DA December 14, 1990

BT1 Reports
 NT1 Unusual Occurrence Reports
 RT Occurrence Reporting and Processing System
 SO Management
 DEF (DOE Order 5000.3A) Written evaluations of an event or condition that are prepared in sufficient detail to enable the reader to assess their significance, consequences, or implications and to evaluate the actions being proposed or employed to correct the condition or to avoid recurrence.

OCCURRENCES

(DOE Order 5484.1; SSDC)
 DA October 12, 1990
 SY Accidents
 NT1 Accidental Occurrences
 NT2 Non-Sudden Accidental Occurrences
 NT2 Sudden Accidental Occurrences
 NT3 Pressure Releases
 NT4 Sudden Releases of Pressure
 NT1 Anticipated Operational Occurrences
 NT1 Environmental Occurrences
 NT1 Epidemics
 NT2 Waterborne Disease Outbreaks
 NT1 Nuclear Incidents
 NT2 Extraordinary Nuclear Occurrences
 NT1 Reportable Occurrences
 NT2 Emergencies
 NT3 Abnormal Exposure Conditions
 NT3 Bomb Incidents
 NT3 Bomb Threats
 NT3 Emergency Situations
 NT3 Energy Emergencies
 NT3 General Emergencies
 NT3 Hazardous Materials Emergencies
 NT3 National Emergencies
 NT3 Natural Phenomena Emergencies
 NT3 Operational Emergencies
 NT3 Safeguards and Security Emergencies
 NT4 Safeguards and Security Alerts
 NT5 Alpha
 NT5 Bravo
 NT5 Charlie
 NT5 Safeguards and Security Alert I (Code Designator: Alpha)
 NT5 Safeguards and Security Alert II (Code Designator: Bravo)
 NT5 Safeguards and Security Alert III (Code Designator: Charlie)
 NT4 Special Nuclear Materials Emergencies
 NT3 Site Emergencies
 NT3 Threats
 NT4 Bomb Threats
 NT4 Covert Threats
 NT4 Nuclear Threat Incidents
 NT4 Terrorist Threats
 NT2 Off Normal Occurrences
 NT2 Officially Reportable Events
 NT2 Unusual Occurrences

RT Accidents
 RT Accident Sites
 RT Amelioration
 RT Emergency Conditions
 RT Events
 RT Incidents
 RT Investigations
 RT Notification
 SO Environmental Management
 SO Management
 SO System Safety Development Center
 Glossary
 DEF (SSDC) Deviations from the planned or expected behavior or course of events in connection with any Department of Energy or Department of Energy-controlled operation if the deviation has environmental protection, safety, or health protection significance.

OCM

DA October 12, 1990
 SEE Operational Change Memos
 SO Acronyms

OCRWM

DA October 12, 1990
 SEE Office of Civilian Radioactive Waste Management
 SO Acronyms

ODC

DA October 12, 1990
 SEE Ohio Department of Commerce
 SO Acronyms

ODH

DA October 12, 1990
 SEE Ohio Department of Health
 SO Acronyms

OEPA

DA October 12, 1990
 SEE Ohio Environmental Protection Agency
 SO Acronyms

OER

DA October 12, 1990
 SEE Office of Energy Research
 SO Acronyms

OFF GAS SYSTEM

(2039 OFF GAS SYST)
 DA December 10, 1990
 BT1 Systems (DOE FRASE Vocabulary)
 BT2 Systems
 SO DOE FRASE VOCABULARY

OFF NORMAL OCCURRENCES

(DOE Order 5000.3A)
 DA December 14, 1990
 BT1 Reportable Occurrences
 BT2 Occurrences
 DEF (DOE Order 5000.3A) Off normal occurrences are abnormal or unplanned events or conditions

that adversely affect, potentially affect, or are indicative of degradation in the safety, security, environmental or health protection performance or operation of a facility. The types of occurrences that are to be categorized as off normal occurrences are specified in DOE Order 5000.3A.

OFF-SITE

(SWDA; RCRA; EMER)
 DA October 19, 1990
 BT1 Sites/Areas
 RT On-Site
 RT Site Boundaries
 SO Emergency Preparedness
 SO Wastes
 DEF (CFR) Any site which is not on-site.

OFF-SITE FACILITIES

(EPA)
 DA October 12, 1990
 BT1 Hazardous Waste Management Facilities
 BT2 Hazardous Waste Facilities
 BT3 Facilities
 SO Environmental Protection Agency
 Glossary
 DEF (EPA) A hazardous waste treatment, storage or disposal area that is located at a place away from the generating site.

OFF-SITE FEDERAL SUPPORT

(EMER)
 DA February 1, 1991
 BT1 Amelioration
 SO Emergency Preparedness
 DEF (EMER) Federal assistance in mitigating the off-site consequences of an emergency and protecting the public health and safety, including the assistance with determining and implementing public protective action measures.

OFF-SITE NOTIFICATION/WARNING

(EMER)
 DA February 1, 1991
 BT1 Notification
 SO Emergency Preparedness
 DEF (EMER) An emergency notification and/or warning message issued to the state/local government and/or the public.

OFFICE ACTIVITY

(1226 O ACTIVITY)
 DA November 28, 1990
 BT1 Activity Types (DOE FRASE Vocabulary)
 BT2 Activities
 RT Admin. Support/Clerical Employee
 RT Office Area
 SO DOE FRASE VOCABULARY

OFFICE AREA

(1709 OFFICE AREA)
 DA December 10, 1990
 BT1 Area
 BT2 Sites/Areas
 RT Office Activity
 SO DOE FRASE VOCABULARY

OFFICE OF BASIC ENERGY SCIENCES

DA January 8, 1991
 SF OBES
 BT1 Office of Energy Research
 BT2 Program Offices
 BT3 Offices
 BT4 Administrative Organizations
 BT5 Organizations
 BT3 U.S. Department of Energy
 BT4 Federal Agencies
 BT5 Agencies
 BT6 Administrative Organizations
 BT7 Organizations
 SO Management

OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT

DA January 8, 1991
 SF OCRWM
 SF RW (DOE Program Office)
 BT1 Program Offices
 BT2 Offices
 BT3 Administrative Organizations
 BT4 Organizations
 BT2 U.S. Department of Energy
 BT3 Federal Agencies
 BT4 Agencies
 BT5 Administrative Organizations
 BT6 Organizations
 SO Management
 DEF (U.S. Government Manual) The Office of Civilian Radioactive Waste Management was established by the Nuclear Waste Policy Act of 1982 (42 U.S.C. 10224). The Office has responsibility for the Nuclear Waste Fund and for the management of Federal programs for recommending, constructing, and operating repositories for disposal of high-level radioactive waste and spent nuclear fuel; interim storage of spent nuclear fuel; monitored retrievable storage; and research, development, and demonstration regarding disposal of high-level radioactive waste and spent nuclear fuel.

OFFICE OF DEFENSE WASTE AND TRANSPORTATION MANAGEMENT

DA January 8, 1991
 SF DWTM
 BT1 Offices
 BT2 Administrative Organizations
 BT3 Organizations
 SO Management

OFFICE OF ENERGY RESEARCH

DA January 8, 1991

SF ER (Office of Energy Research)

SF OER

BT1 Program Offices

BT2 Offices

BT3 Administrative Organizations

BT4 Organizations

BT2 U.S. Department of Energy

BT3 Federal Agencies

BT4 Agencies

BT5 Administrative Organizations

BT6 Organizations

NT1 Office of Basic Energy Sciences

NT1 Office of Health and Environmental Research

SO Management

DEF (U.S. Government Manual) The Office of Energy Research advises the Secretary on the physical and energy research and development programs of the Department, the use of multipurpose laboratories, education, and training for basic and applied research, and financial assistance and budgetary priorities for these activities. The Office manages the basic energy sciences, high energy physics, and fusion energy research programs; administers DOE programs supporting university researchers, funds research in mathematical and computational sciences critical to the use and development of supercomputers; and administers a financial support program for research and development projects not funded elsewhere in the department.

OFFICE OF ENVIRONMENTAL RESTORATION AND WASTE MANAGEMENT

DA February 4, 1991

SF ER (Environmental Restoration)

BT1 Program Offices

BT2 Offices

BT3 Administrative Organizations

BT4 Organizations

BT2 U.S. Department of Energy

BT3 Federal Agencies

BT4 Agencies

BT5 Administrative Organizations

BT6 Organizations

RT Waste Information Network

SO Management

DEF (U.S. Government Manual) The Director of the Office of Environmental Restoration and Waste Management provides program policy guidance and manages the assessment and cleanup of inactive waste sites and facilities, continues safe and effective waste management operations, and develops and implements an aggressively applied waste research and development program to provide innovative environmental technologies that yield permanent

disposal solutions at reduced costs. The Director provides centralized management for the Department for waste management operations, environmental restoration, and applied research and development programs and activities, including environmental restoration and waste management program policy and guidance to DOE Operations Offices in these areas.

OFFICE OF HEALTH AND ENVIRONMENTAL RESEARCH

DA January 8, 1991

SF OHER

BT1 Office of Energy Research

BT2 Program Offices

BT3 Offices

BT4 Administrative Organizations

BT5 Organizations

BT3 U.S. Department of Energy

BT4 Federal Agencies

BT5 Agencies

BT6 Administrative Organizations

BT7 Organizations

SO Management

OFFICE OF MANAGEMENT AND BUDGET

DA January 8, 1991

SF OMB

BT1 Federal Agencies

BT2 Agencies

BT3 Administrative Organizations

BT4 Organizations

BT1 Offices

BT2 Administrative Organizations

BT3 Organizations

SO Management

DEF (U.S. Government Manual) The OMB evaluates, formulates, and coordinates management procedures and program objectives within and among Federal departments and agencies. It also controls the administration of the Federal budget, while routinely providing the President with recommendations regarding budget proposals and relevant legislative enactments.

OFFICE OF NEW PRODUCTION REACTORS

DA February 4, 1991

BT1 Program Offices

BT2 Offices

BT3 Administrative Organizations

BT4 Organizations

BT2 U.S. Department of Energy

BT3 Federal Agencies

BT4 Agencies

BT5 Administrative Organizations

BT6 Organizations

SO Management

DEF (U.S. Government Manual) The Office of New Production Reactors

manages and directs a program for the acquisition and construction of new production reactor capacity to meet national security requirements.

OFFICE OF SPECIAL PROJECTS (TTGM)

DA May 6, 1991
 SF *OSP (Office of Special Projects)*
 BT1 Office of the Assistant Secretary for Environment, et. al.
 BT2 Program Offices
 BT3 Offices
 BT4 Administrative Organizations
 BT5 Organizations
 BT3 U.S. Department of Energy
 BT4 Federal Agencies
 BT5 Agencies
 BT6 Administrative Organizations
 BT7 Organizations
 RT Tiger Teams
 RT Tiger Team Assessment Program
 SO Environmental Management
 SO Management
 DEF (TTGM) The Tiger Team Assessment Program is implemented by the Office of Special Projects (OSP), which is within the Office of Environment, Safety and Health. The OSP manages the staffing and conduct of the Tiger Team Assessments; ensures that the resulting assessment reports are completed, reviewed, revised and approved as necessary; provides liaison with other involved DOE and external entities; provides guidance to the Tiger Team Assessment process; maintains a data base of Tiger Team roster, candidates, activities and findings; and prepares summaries and trend analyses of Tiger Team findings.

OFFICE OF SPECIAL PROJECTS COORDINATORS (TTGM)

DA May 7, 1991
 SF *OSP Coordinators*
 BT1 Personnel
 RT Tiger Team Assessment Program
 RT Tiger Team Leaders
 RT Tiger Team Administrators
 DEF (TTGM) The OSP Coordinators, designated by the Director of the Office of Special Projects, will have primary oversight of the assessment process and schedules. The Coordinators work directly with the Team Leaders throughout the assessment. Major responsibilities include: 1) assisting in the assembly of Tiger Team members; 2) providing guidance to Tiger Team Leaders/members concerning the overall assessment process; 3)

participating/attending major meetings; 4) establishing, maintaining, and participating in daily telecommunications between Tiger Team Leaders and the OSP; 5) serving as the point of contact at Headquarters for requests regarding Tiger Team activities and reports; 6) informing the Tiger Team Leaders of any DOE/HQ policy and/or program changes; 7) assisting the Team leaders in the review and concurrence process for the Report and Action Plan; and 8) ensuring that the final Assessment Report and Action plan are incorporated into appropriate systems for analysis, etc.

OFFICE OF TECHNOLOGY DEVELOPMENT

DA January 8, 1991
 SF *OTD*
 BT1 Offices
 BT2 Administrative Organizations
 BT3 Organizations
 SO Management

OFFICE OF THE ASSISTANT SECRETARY FOR CONSERVATION ET.AL.

(Office of the Assistant Secretary for Conservation and Renewable Energy)

DA February 4, 1991
 BT1 Program Offices
 BT2 Offices
 BT3 Administrative Organizations
 BT4 Organizations
 BT2 U.S. Department of Energy
 BT3 Federal Agencies
 BT4 Agencies
 BT5 Administrative Organizations
 BT6 Organizations
 SO Management
 DEF (Capsule Review of DOE Research and Development and Field Facilities) The Assistant Secretary for Conservation Renewable Energy manages programs designed to increase the production of renewable energy (including solar heat and electric energy, geothermal energy, biofuels energy and municipal waste energy) and to improve the energy efficiency of transportation, buildings, industrial and community systems and related processes. These programs include support of high-risk, high-payoff research and development that would not otherwise be carried out by the private sector and dissemination of the results to a broad spectrum of private and public sector interests. The Assistant Secretary also has responsibility for administering statutorily mandated programs that

provide assistance to conservation programs at the state level.

OFFICE OF THE ASSISTANT SECRETARY FOR DEFENSE PROGRAMS

DA February 4, 1991
 SY Defense Programs
 BT1 Program Offices
 BT2 Offices
 BT3 Administrative Organizations
 BT4 Organizations
 BT2 U.S. Department of Energy
 BT3 Federal Agencies
 BT4 Agencies
 BT5 Administrative Organizations
 BT6 Organizations
 SO Management
 DEF (U.S. Government Manual) The Assistant Secretary for Defense Programs directs the Nation's nuclear weapons research, development, testing, production, and surveillance program, as well as the production of the special nuclear materials used by the weapons program within the Department, and management of defense nuclear waste and byproducts. The Office also manages research in inertial fusion; the safeguards and security program; classification, declassification, and reclassification of documents; unclassified controlled nuclear information; departmental intelligence; export control; test ban treaty verification and monitoring technology; defense- and energy-related intelligence activities; and coordinates the Department's emergency management activities.

OFFICE OF THE ASSISTANT SECRETARY FOR ENVIRONMENT, ET. AL.

DA February 4, 1991
 SY Environment, Safety, and Health
 SF *EH*
 BT1 Program Offices
 BT2 Offices
 BT3 Administrative Organizations
 BT4 Organizations
 BT2 U.S. Department of Energy
 BT3 Federal Agencies
 BT4 Agencies
 BT5 Administrative Organizations
 BT6 Organizations
 NT1 Office of Special Projects
 SO Management
 DEF (U.S. Government Manual) The Office of the Assistant Secretary for Environment, Safety and Health ensures that departmental programs are in compliance with environmental safety and health regulations and that environmental and safety impacts of Department

programs receive management review.

OFFICE OF THE ASSISTANT SECRETARY FOR FOSSIL ENERGY

DA February 4, 1991

BT1 Program Offices

BT2 Offices

BT3 Administrative Organizations

BT4 Organizations

BT2 U.S. Department of Energy

BT3 Federal Agencies

BT4 Agencies

BT5 Administrative Organizations

BT6 Organizations

SO Management

DEF (U.S. Government Manual) The Assistant Secretary for Fossil Energy is responsible for research and development programs involving fossil fuels - coal, petroleum, and gas. The fossil energy program involves applied research, exploratory development, and limited proof-of-concept testing targeted to high-risk and high-payoff endeavors. The objective of the program is to provide the general technology and knowledge base that the private sector can use to complete development and initiate commercialization of advanced processes and energy systems. The program is principally executed through two Energy Technology Centers located in the field.

OFFICE OF THE ASSISTANT SECRETARY FOR NUCLEAR ENERGY

DA February 4, 1991

BT1 Program Offices

BT2 Offices

BT3 Administrative Organizations

BT4 Organizations

BT2 U.S. Department of Energy

BT3 Federal Agencies

BT4 Agencies

BT5 Administrative Organizations

BT6 Organizations

SO Management

DEF (U.S. Government Manual) The Assistant Secretary for Nuclear Energy administers the Department's research and development programs associated with fission energy. This includes programs relating to nuclear reactor development, both civilian and naval; nuclear fuel cycle; space nuclear applications; and uranium enrichment. The Assistant Secretary also manages the Department's Remedial Action Program to treat or stabilize radioactive wastes and perform decontamination and decommissioning at DOE surplus sites. The Assistant Secretary

conducts technical analyses and provides advice concerning nonproliferation; assesses alternative nuclear systems and new reactor and fuel cycle concepts; and evaluates proposed advanced nuclear fission energy concepts and technical improvements for possible application to nuclear powerplant systems.

OFFICE OF WEAPONS PRODUCTION

DA January 8, 1991

SF OWP

BT1 Offices

BT2 Administrative Organizations

BT3 Organizations

SO Management

OFFICES

DA February 1, 1991

BT1 Administrative Organizations

BT2 Organizations

NT1 Grand Junction Projects Office

NT1 NRS Office for Analysis and Evaluation of Operational Data

NT1 NRS Office of Inspection and Enforcement

NT1 Office of Defense Waste and Transportation Management

NT1 Office of Management and Budget

NT1 Office of Technology Development

NT1 Office of Weapons Production

NT1 Operations Offices

NT2 Albuquerque Operations Office

NT2 Chicago Operations Office

NT2 Idaho Operations Office

NT2 Nevada Operations Office

NT2 Oak Ridge Operations Office

NT2 Richland Operations Office

NT2 San Francisco Operations Office

NT2 Savannah River Operations Office

NT1 Program Offices

NT2 Office of the Assistant Secretary for Nuclear Energy

NT2 Office of the Assistant Secretary for Fossil Energy

NT2 Office of the Assistant Secretary for Defense Programs

NT2 Office of the Assistant Secretary for Conservation et.al.

NT2 Office of the Assistant Secretary for Environment, et. al.

NT3 Office of Special Projects

NT2 Office of Environmental Restoration and Waste Management

NT2 Office of New Production Reactors

NT2 Office of Civilian Radioactive Waste Management

NT2 Office of Energy Research

NT3 Office of Basic Energy Sciences

NT3 Office of Health and Environmental Research

NT1 Program Enrichment Office

NT1 Regional Coordinating Offices

NT1 Sample Management Offices

RT Boards

RT Centers

RT Committees

RT Groups

SO Management

DEF (WEBSTER) The directing headquarters of an enterprise or organization. A place where a particular kind of business is transacted or service is supplied.

OFFICIAL USE ONLY

(EMER)

DA February 1, 1991

BT1 Uses

SO Emergency Preparedness

DEF (EMER) A designation identifying unclassified information that may be exempt from mandatory disclosure under the Freedom of Information Act (FOIA).

OFFICIALLY REPORTABLE EVENTS

(EMER)

DA February 1, 1991

BT1 Events

BT1 Reportable Occurrences

BT2 Occurrences

RT Notification

RT Reports

SO Emergency Preparedness

DEF (EMER) Events that require official notification to state and federal governments as outlined in Section 103(c) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980; Title 40 Code of Federal Regulations Part 117, Determination of Reportable Quantities for Hazardous Substances; Title 33 Code of Federal Regulations Part 153.201, Notice of Discharge of Oil or Hazardous Substances; and Title 40 Code of Federal Regulations Parts 110 and 112.

OFFSHORE FACILITIES

(CERCLA; CFR; USC; ESH)

DA October 12, 1990

BT1 Facilities

SO Compensation and Liability

SO Environmental Management

SO Hazardous Materials

DEF As defined by section 101(17) of CERCLA. (ESH) Any facility of any kind located in, on, or under any of the navigable waters of the United States, and any facility of any kind that is subject to the jurisdiction of the United States and is located in, on, or under any other waters, other than a vessel or a public vessel.

OH

DA October 12, 1990

SEE Outer Housing

SO Acronyms

OHD

DA October 12, 1990
 SEE Occupational Health Division
 SO Acronyms

OHER

DA October 12, 1990
 SEE Office of Health and Environmental
 Research
 SO Acronyms

OHIO ADMINISTRATIVE CODE

DA January 8, 1991
 SF OAC
 BT1 Codes, Standards, and Regulations

OHIO BUREAU OF UNDERGROUND STORAGE TANK REGULATION

DA January 8, 1991
 SF BUSTR
 BT1 State Agencies
 BT2 Agencies
 BT3 Administrative Organizations
 BT4 Organizations
 RT Underground Storage Tanks

OHIO DEPARTMENT OF COMMERCE

DA January 8, 1991
 SF ODC
 BT1 State Agencies
 BT2 Agencies
 BT3 Administrative Organizations
 BT4 Organizations

OHIO DEPARTMENT OF HEALTH

DA January 8, 1991
 SF ODH
 BT1 State Agencies
 BT2 Agencies
 BT3 Administrative Organizations
 BT4 Organizations

OHIO ENVIRONMENTAL PROTECTION AGENCY

DA January 8, 1991
 SF OEPA
 BT1 State Agencies
 BT2 Agencies
 BT3 Administrative Organizations
 BT4 Organizations

OHIO REVISED CODE

DA January 8, 1991
 SF ORC
 BT1 Codes, Standards, and Regulations

OHIO VALLEY ELECTRIC COMPANY

DA January 8, 1991
 SF OVEC
 BT1 Companies
 BT2 Commercial Organizations
 BT3 Organizations

OHMMETER(S)

(2762 OHMMETER)
 DA January 3, 1991
 BT1 Indicator(s)
 BT2 Instrument(s)

BT3 Equipment/Parts -
 Instrumentation/Measuring
 (DOE FRASE Voc.)

BT4 Equipment
 SO DOE FRASE VOCABULARY

OIL CHEMICAL AND ATOMIC WORKERS

DA January 8, 1991
 SF OCAW
 BT1 Personnel

OIL CIRCUIT BREAKER

DA January 8, 1991
 SF OCB

OIL FINGERPRINTING

(EPA)
 DA October 12, 1990
 BT1 Chemical Processes
 BT2 Processes
 RT Oil Spills
 SO Environmental Protection Agency
 Glossary
 DEF (EPA) A method that identifies
 sources of oil and allows spills to
 be traced back to their source.

OIL POLLUTION FUND

(CERCLA; CFR)
 DA October 12, 1990
 RT Oil Spills
 SO Compensation and Liability
 SO Environmental Management
 DEF (CFR) The fund established by
 section 311(k) of the Clean Water
 Act.

OIL SPILLS

(EPA)
 DA October 12, 1990
 NT1 Major Discharges
 NT1 Medium Discharges
 NT1 Minor Discharges
 RT Air Curtains
 RT Assessment Area
 RT Biological Additives
 RT Booms
 RT National Contingency Plan
 RT Oil Fingerprinting
 RT Oil Pollution Fund
 RT Sinking Agents
 RT Sinking
 RT Skimming
 RT Surface Collecting Agents
 SO Environmental Protection Agency
 Glossary
 DEF (EPA) An accidental or intentional
 discharge of oil which reaches
 bodies of water. Can be controlled
 by chemical dispersion,
 combustion, mechanical
 containment, and/or adsorption.

OILS

(DOE ORDER 5000.3A; CERCLA; CFR;
 CWA; ESH)
 DA October 12, 1990
 NT1 Heating Oils

NT1 Lubricating Oils
 NT1 Petroleum
 NT1 Re-refined Oil
 NT1 Used Oils
 NT2 Recycled Oils
 NT3 Re-refined Oils
 NT1 Waste Oils
 RT Gathering Lines
 SO Compensation and Liability
 SO Hazardous Materials
 DEF As defined by section 311(a)(1) of
 the Clean Water Act, oils of any
 kind or in any forms, including, but
 not limited to, petroleum, fuel oils,
 sludges, oil refuses, and oils
 mixed with wastes other than
 dredged spoil.

OL

DA October 12, 1990
 SEE Operating Limit
 SO Acronyms

OLC

DA October 12, 1990
 SEE On-Line Computer
 SO Acronyms

OLIGOTROPHIC LAKES

(EPA)
 DA October 12, 1990
 BT1 Lakes
 BT2 Inland Waters
 BT2 Surface Waters
 BT3 Water
 BT2 Surface Water Resources
 BT3 Natural Resources
 RT Eutrophic Lakes
 SO Environmental Protection Agency
 Glossary
 DEF (EPA) Deep clear lakes with low
 nutrient supplies. They contain
 little organic matter and have a
 high dissolved-oxygen level.

OM

DA October 12, 1990
 SEE Operating Methods
 SO Acronyms

OMB

DA October 12, 1990
 SEE Office of Management and Budget
 SO Acronyms

OMEGA WEST REACTOR

DA January 8, 1991
 SF OWR
 BT1 Reactors

ON-GOING PROJECTS

(ESA; CFR)
 DA October 12, 1990
 BT1 Projects
 RT Project Segment
 SO Endangered Species
 DEF (CFR) Activities for scientific
 purposes or to enhance the

propagation or survival of threatened species which are not conducted in the course of a commercial activity initiated before the listing of the effected species.

ON GROUND TANKS

(SWDA; RCRA)

DA October 12, 1990

BT1 Tanks

BT2 Facility Components

SO Environmental Management

SO Wastes

DEF (CFR) Stationary devices designed to contain an accumulation of regulated substances and constructed of non-earthen materials (e.g., concrete, steel, plastic) that provide structural support and that are situated in such ways that the bottom of the tanks are on the same levels as the adjacent surrounding surfaces so that the external tank bottoms cannot be visually inspected.

ON-LINE COMPUTER

DA January 8, 1991

SF OLC

ON-SCENE

(EMER)

DA February 1, 1991

BT1 Sites/Areas

SO Emergency Preparedness

DEF (EMER) The area surrounding an accident or incident site that is, or potentially could be, affected by the accident or incident. This area includes both the on-site and off-site areas.

ON-SCENE COMMANDERS

(EMER)

DA February 1, 1991

BT1 Personnel

NT1 Containment Commanders

SO Emergency Preparedness

DEF (EMER) Officers or senior officials who command DOD and/or DOE operations at the scene of a DOD or DOE nuclear weapon accident or significant incident. For a security event, the officers or senior officials who command operations at the scene of the event.

ON-SCENE COORDINATORS

(CERCLA; CFR; EMER)

DA October 12, 1990

SF OSC

BT1 Personnel

RT Support Agencies

SO Compensation and Liability

SO Emergency Preparedness

SO Environmental Management

SO Environmental Protection Agency Glossary

DEF (CFR) Predesignated EPA, U.S. Coast Guard, or Department of Defense officials who coordinate and direct Superfund removal actions or Clean Water Act oil- or hazardous-spill corrective actions. Federal officials predesignated by the EPA or USCG to coordinate and direct Federal responses; or DOD officials designated to coordinate and direct the removal actions from releases of hazardous substances, pollutants, or contaminants from DOD vessels and facilities.

ON-SHORE FACILITIES

(CERCLA; CFR; USC; ESH)

DA October 12, 1990

BT1 Facilities

RT Hazardous Materials

RT Storage

SO Compensation and Liability

SO Environmental Management

SO Hazardous Materials

DEF (ESH) Any facility, including, but not limited to, motor vehicles and rolling stock, of any kind located in, on, or under any land within the United States other than submerged land.

ON-SITE

(SWDA; RCRA; TSCA; CFR; EMER)

DA October 19, 1990

BT1 Sites/Areas

RT Off-site

RT Site Boundaries

SO Emergency Preparedness

SO Environmental Management

SO Hazardous Materials

SO Wastes

DEF (CFR) On the same or geographically contiguous property that may be divided by public or private right(s)-of-way, provided the entrance and exit between the properties is at a cross-roads intersection, and access is by crossing as opposed to going along, the right(s)-of-way. Noncontiguous properties owned by the same person but connected by a right-of-way which the person controls and to which the public does not have access, are also considered on-site property.

ON-SITE DISCHARGES

(DOE Order 5484.1)

DA October 12, 1990

BT1 Discharges

SO Environmental Management

SO Management

DEF (DOE Order 5484.1) Airborne and liquid wastes discharged to onsite treatment or disposal systems, e.g., sewage lagoons, retention

ponds, and cribs, for retention, settling, decay, or storage onsite.

ON-SITE FACILITIES

(EPA)

DA October 12, 1990

BT1 Hazardous Waste Management Facilities

BT2 Hazardous Waste Facilities

BT3 Facilities

SO Environmental Protection Agency Glossary

DEF (EPA) Hazardous waste treatment, storage or disposal areas that are located on the generating site.

ON-SITE FEDERAL SUPPORT

(EMER)

DA February 1, 1991

BT1 Amelioration

SO Emergency Preparedness

DEF (EMER) Federal assistance that is the primary responsibility of the federal agency that owns, authorizes, regulates, or is otherwise deemed responsible for the radiological facility or material being transported (i.e., the cognizant federal agency). This response supports state and local efforts by supporting the owner or operator's efforts to bring the incident under control and thereby preventing or minimizing off-site consequences.

ON-SITE TECHNICAL DIRECTORS

(EMER)

DA February 1, 1991

BT1 Personnel

SO Emergency Preparedness

DEF (EMER) Officials, selected by the U.S. Department of Energy (DOE) team leader or on-scene commander, who are responsible for directing the on-site operations for the DOE team leader or on-scene commander for a nuclear weapons accident response.

ONCOGENIC

(EPA)

DA October 12, 1990

SO Environmental Management

SO Environmental Protection Agency Glossary

DEF (EPA) A substance that causes tumors, whether benign or malignant.

ONE-INCH COMPONENTS

(NFI)

DA October 12, 1990

BT1 Components

SO Nuclear Facilities Incident Database

SO Radiation

DEF (NFI) Instrument rods, tie rods, or scram rods located at 1-inch positions of lattice.

OP

DA October 12, 1990
 SEE Operating Procedures
 SO Acronyms

OPACITY

(CAA; CFR)
 DA October 12, 1990
 RT Visibility Impairments
 SO Air Pollution
 SO Environmental Protection Agency Glossary
 DEF (EPA) The amount of light obscured by particulate pollution in the air; clear window glass has a zero opacity, a brick wall has 100 percent opacity. Opacity is used as an indicator of changes in performance of particulate matter pollution control systems. (CFR) The degree to which emissions reduce the transmission of light.

OPEN BURNING

(SWDA; RCRA)
 DA October 12, 1990
 RT Hazards
 RT Incineration
 RT Open Dumps
 RT Thermal Treatment
 SO Environmental Management
 SO Environmental Protection Agency Glossary
 SO Wastes
 DEF (EPA) Uncontrolled fires in an open dump.

OPEN DUMPS

(SWDA; RCRA; USC)
 DA October 12, 1990
 BT1 Dumps
 BT2 Sites/Areas
 RT Inventory of Open Dumps
 RT Open Burning
 RT Solid Waste Disposal
 SO Environmental Management
 SO Environmental Protection Agency Glossary
 SO Wastes
 DEF Any facilities or sites where solid waste is disposed of which are not sanitary landfills which meet the criteria promulgated under section 4004 [42 USCS 6944] and which are not a facility for disposal of hazardous waste.

OPEN-ENDED LINE

(CAA; CFR)
 DA October 19, 1990
 RT Open Ended Valve
 SO Air Pollution
 DEF Any line, except pressure release lines, having one end in contact with process fluid and one end open to atmosphere, either directly or through an open valve.

OPEN ENDED VALVE

(CAA; CFR)
 DA October 19, 1990
 BT1 Valves
 BT2 Devices
 RT Open-Ended Line
 RT Relief Valves
 SO Air Pollution
 DEF (CFR) Any valve, except pressure relief valves, having one side of the valve seat in contact with process fluid and one side open to atmosphere, either directly or through open piping.

OPERABILITY

(MORT)
 DA April 3, 1991
 RT Controls
 RT First Line Supervision
 RT Higher Supervision
 RT Inspections
 RT Maintenance
 RT Technical Information
 DEF (MORT) MORT analysis asks: was the facility and process operationally ready? were the necessary supplementary operations supportive to the main process ready? Operability refers to the status of "upstream processes" e.g. design, training, etc. which support the ingredients of the work process (hardware, procedures, and people). Two major upstream processes are examined: (1) the original design, construction, test, and qualification plus documents defining operating limits and performance specification and (2) modification projects to the facility. Each upstream process can be analyzed as to hardware, procedures, and personnel.

OPERABLE

(DOE Order 5480.6)
 DA October 12, 1990
 BT1 Conditions
 SO Industrial Safety
 DEF (DOE Order 5480.6) When the reactor is being operated or has the potential for being operated. A reactor that cannot be operated on a day-to-day basis because of refueling, extensive modifications, or technical problems is still considered to be operable.

OPERABLE UNITS

(CERCLA; CFR)
 DA October 12, 1990
 BT1 Response Actions
 BT2 Actions
 BT3 Responses
 RT Superfund
 SO Compensation and Liability
 SO Environmental Management

SO Environmental Protection Agency Glossary

DEF Term for each of a number of separate activities undertaken as part of a Superfund site cleanup. A typical operable unit would be removing drums and tanks from the surface of a site. A discrete part of the entire response action that decreases a release, threat of release, or pathway of exposure.

OPERATING AREA COMPARTMENT

(DOE Order 6430.1A)
 DA October 12, 1990
 BT1 Sites/Areas
 RT Confinement Areas
 SO Construction
 DEF (DOE Order 6430.1A) An area or series of areas that contain process enclosures, and/or their attendant equipment located within that area or series of areas.

OPERATING BASIS ACCIDENT

(DOE Order 6430.1A)
 DA October 12, 1990
 SF OBA
 BT1 Accidents
 SO Construction
 DEF (DOE Order 6430.1A) Maximum severity accident under which the plant structure, systems, and components are designed to either remain operable or be readily restored to operating condition. This is the highest severity event that the operating contractor may recover from without DOE approval.

OPERATING BASIS EARTHQUAKE

(CFR)
 DA January 8, 1991
 SF OBE
 SO Environmental Management
 DEF (CFR) The operating basis earthquake which, considering the regional and local geology and seismology and specific characteristics of local subsurface material, could reasonably be expected to affect the plant site during the operating life of the plant; it is that earthquake which produces the vibratory growth motion for which those features of the nuclear power plant necessary for continued operation, without undue risk to the health and safety of the public, are designed to remain functional.

OPERATING LEVEL

(DOE Orders 5480.2 and 5482.1B; ESH)
 DA October 12, 1990
 RT Contractors
 RT Second Line Organization Level
 SO Construction

SO Industrial Hygiene
 SO Management
 DEF (ESH) The organization performing the actual work or job related tasks. It may be a contractor performing work for DOE or it may be a particular DOE element, such as an energy technology center or a power administration.

OPERATING LIMIT

DA January 8, 1991
 SF OL
 BT1 Limits

OPERATING METHODS

DA January 8, 1991
 SF OM

OPERATING ORGANIZATIONS

(IAEA)
 DA October 12, 1990
 BT1 Administrative Organizations
 BT2 Organizations
 RT Nuclear Facilities
 SO Radiation
 DEF (IAEA) The organization authorized by the regulatory body to operate a nuclear facility.

OPERATING PROCEDURES

DA January 8, 1991
 SF OP
 BT1 Procedures
 NT1 Detailed Operating Procedures
 NT1 Emergency Operating Procedures
 NT1 Standard Operating Procedures
 SO Management

OPERATION ASSESSMENT AND READINESS

DA January 8, 1991
 SF OAR
 BT1 Assessments
 BT2 Administrative Processes
 BT3 Processes

OPERATIONAL (RADIATION) LIMITS

(IAEA)
 DA November 20, 1990
 BT1 Limits
 SO Radiation
 DEF (IAEA) Limits of any quantity specified by the management for a given radiation practice or source. These are equal to or lower than the authorized limits.

OPERATIONAL ACCIDENTS

(EMER)
 DA February 1, 1991
 BT1 Accidents
 SO Emergency Preparedness
 DEF (EMER) Events stemming from technological and man-made hazards which present a potential risk to life, health, property, or the environment.

OPERATIONAL CHANGE MEMOS

DA January 8, 1991
 SF OCM

OPERATIONAL DBA

(DOE Order 6430.1A)
 DA October 12, 1990
 BT1 Design Basis Accidents
 BT2 Accidents
 SO Construction
 DEF (DOE Order 6430.1A) Any design basis accident caused by an internal event. Direct causes are usually poor design or procedures, operator errors, equipment failures, or inadequate technical development (unknowns) that lead to the accident. The major accident categories are explosion, fire, nuclear criticality, leaks to the atmosphere, and leaks to the aquatic environment.

OPERATIONAL EMERGENCIES

(EMER)
 DA January 24, 1991
 BT1 Emergencies
 BT2 Reportable Occurrences
 BT3 Occurrences
 BT1 Emergency Response Levels
 RT DOE Operations
 SO Emergency Preparedness
 SO Environmental Management
 DEF (DOE 5500.1A) Significant events involving DOE operations and activities that present a potential risk to life, health, property, or the environment.

OPERATIONAL EMERGENCY MANAGEMENT TEAMS

(EMER)
 DA February 1, 1991
 BT1 Emergency Management Teams
 BT2 Management Teams
 BT3 Teams
 BT4 Administrative Organizations
 BT5 Organizations
 SO Emergency Preparedness
 DEF (EMER) U.S. Department of Energy (DOE) teams predesignated to manage activities during operational emergencies involving DOE or requiring DOE assistance.

OPERATIONAL EMERGENCY PREPAREDNESS MANAGEMENT PLANS

(EMER)
 DA February 1, 1991
 BT1 Emergency Plans
 BT2 Plans
 SO Emergency Preparedness
 DEF (EMER) Site-specific plans required by U.S. Department of Energy Order which identify emergency planning, preparedness, and response capabilities, personnel staffing, and equipment resources

necessary to minimize emergency consequences to people, property, and the environment.

OPERATIONAL EMERGENCY RESPONSE LEVELS

(EMER)
 DA February 1, 1991
 BT1 Emergency Response Levels
 NT1 Alert
 SO Emergency Preparedness
 DEF (EMER) Response levels to hazardous materials incidents, natural phenomena occurring at nuclear and nonnuclear facilities, safeguards and security incidents, Radiological Assistance Program requests for assistances, and nuclear weapon accidents or significant incidents. For hazardous material emergencies the response levels are unusual event, alert, site emergency, and general emergency. For safeguards and security emergencies, response levels are Alert III (Charlie), Alert II (Bravo), and Alert I (Alpha). For Radiological Assistance Program emergencies, the response levels are radiological Assistance Program alert and Radiological Assistance Program emergency. Nuclear weapons accident or significant incident emergencies include all responses by the Accident Response Group, and there are no specific response levels. May also be referred to as emergency action levels.

OPERATIONAL LIFE

(SWDA, RCRA; CFR)
 DA October 12, 1990
 BT1 Time Designations
 RT Tank Systems
 SO Wastes
 DEF Refers to the period beginning when installation of the tank system has commenced until the time the tank system is properly closed.

OPERATIONAL READINESS

(SSDC)
 DA October 12, 1990
 BT1 Conditions
 RT Operational Readiness Reviews
 RT Upstream Processes
 SO System Safety Development Center Glossary
 DEF (SSDC) A state attained (1) by verification of every significant detail of preparation for operations to assure safe start up and operation and (2) by correction of hazardous omissions in design and plans and the initiation of retrofit prior to accidents.

OPERATIONAL READINESS REVIEWS

(DOE Orders 5480.4, 5480.5, and 5480.6)

DA October 16, 1990

BT1 Reviews

BT2 Administrative Processes

BT3 Processes

RT Operational Readiness

RT Safety Program Reviews

SO Environmental Management

SO Standards

DEF Structured methods for determining that a project, process, or facility are ready to operate and occupy and include, as a minimum, a review of the readiness of the plant and hardware, personnel, and procedures. Reviews include a determination of compliance with Environment, Safety, and Health (ES&H) Orders.

OPERATIONAL SAFETY PROCEDURES

DA January 8, 1991

SF *OSP (Operational Safety Procedures)*

BT1 Procedures

OPERATIONAL SAFETY REQUIREMENTS

(Doe Order 5480.5)

DA October 12, 1990

SF *OSR*

BT1 Requirements

RT Maintenance Plans

SO Construction

SO Standards

DEF (DOE 5480.5) Those requirements that define the conditions, safe boundaries, and bases thereof, and management or administrative controls required to assure the safe operation of a nuclear facility.

OPERATIONAL SPECIFICATIONS (MORT)

DA April 3, 1991

BT1 Specifications

BT2 Requirements

RT Design and Development Plans

RT General Design Process

RT Human Factors

RT Inspection Plans

RT Maintenance Plans

RT Procedures

RT Training

DEF (MORT) MORT analysis asks: are there adequate operational specifications for all phases of the system operation? These phases include: proper testing and qualification; adequate supervision; proper task procedures; motivation; training; and adequate monitoring points.

OPERATIONS

(DOE Order 5480.4; ESH)

DA October 12, 1990

BT1 Activities

NT1 Aviation Operations

NT2 Charter Operations

NT1 Burial Operations

NT2 Shallow Land Burial

NT1 Cleanup Operations

NT1 Department of Energy Operations

NT1 DOE Operations

NT1 Emergency Renovation Operations

NT1 Headquarters Operations

NT1 Planned Renovation Operations

NT1 Reactor Operations

NT1 Wastewater Operations and Maintenance

NT1 Waste Management Operations

SO Environmental Management

SO Management

SO Standards

DEF (WTID) Denoting specific responsibility for principal planning and functional activities of subordinate organizational units. (ESH) Those activities funded by DOE for which DOE has responsibility for environmental protection, safety, and health protection.

OPERATIONS AND MAINTENANCE (EPA)

DA October 12, 1990

SF *O&M*

BT1 Activities

SO Environmental Protection Agency Glossary

DEF (EPA) (1) Activities conducted at a site after a Superfund site action is completed to ensure that the action is effective and operating properly. (2) Actions taken after construction to assure that facilities constructed to treat wastewater will be properly operated, maintained, and managed to achieve efficiency levels and prescribed effluent limitations in an optimum manner.

OPERATIONS OFFICE MANAGERS

(DOE Order 5440.1D)

DA May 15, 1991

BT1 Personnel

SO Environmental Management

DEF (DOE Order) For the purposes of DOE Order 5440.1D, these are people who are responsible for managing an Operations Office or similar field organization, who report directly to the Under Secretary or a Secretarial Officer. The Operations Offices are Albuquerque, Chicago, Idaho, Nevada, Oak Ridge, Richland, San Francisco, and Savannah River. For the purposes of DOE Order 5440.1D, Operations Office Managers include but may not be limited to: the Manager of the Rocky Flats Office; the

Administrators of the Alaska, Southeastern, and Southwestern Power Administrations; and the Directors of the Morgantown and Pittsburgh Energy Technology Centers.

OPERATIONS OFFICES

DA February 4, 1991

BT1 Offices

BT2 Administrative Organizations

BT3 Organizations

BT1 U.S. Department of Energy

BT2 Federal Agencies

BT3 Agencies

BT4 Administrative Organizations

BT5 Organizations

NT1 Albuquerque Operations Office

NT1 Chicago Operations Office

NT1 Idaho Operations Office

NT1 Nevada Operations Office

NT1 Oak Ridge Operations Office

NT1 Richland Operations Office

NT1 San Francisco Operations Office

NT1 Savannah River Operations Office

RT Program Offices

OPERATOR, PLANT /SYSTEM /UTILITY

(0690 OP;UTIL)

DA November 28, 1990

BT1 Precision/Production Personnel

BT2 Occupations

BT2 Personnel

SO DOE FRASE VOCABULARY

OPERATORS

(DOE Order 5480.5; SWDA; RCRA; CFR; USC; ESH)

DA October 12, 1990

SY Owners

BT1 Potentially Responsible Parties

BT1 Responsible Parties

RT Authorized Representatives

RT Guarantors

RT Water Suppliers

SO Air Pollution

SO Compensation and Liability

SO Environmental Management

SO Hazardous Materials

SO Industrial Safety

SO Management

SO Wastes

SO Water Pollution

DEF Owners or operators of any "facility or activity" subject to regulation under the Resource Conservation and Recovery Act (RCRA), Underground Injection Control (UIC), National Pollutant Discharge Elimination System (NPDES), or 404 programs.(ESH) Individuals designated by management to perform operations or conduct activities with radioactive materials at a nuclear facility. (ESH) Persons who control the use of an aircraft, vessel, or vehicle.

**OPTIMUM INTERSPERSED
HYDROGENOUS MODERATION**

(DOE Order 5480.3; ESH)

DA October 12, 1990

RT Containment Vessels

SO Hazardous Materials

DEF (ESH) The occurrence of hydrogenous material between containment vessels to such an extent that the maximum nuclear reactivity results.

OR

DA October 12, 1990

SEE Oak Ridge Operations Office

SO Acronyms

OR GATE

(SSDC)

DA October 12, 1990

BT1 Logic Gates (Boolean)

SO System Safety Development Center Glossary

DEF (SSDC) A logic gate that produces an output when one or more of the input events occur. May contain the identifying word "OR."

ORAU

DA October 12, 1990

SEE Oak Ridge Associated Universities

SO Acronyms

ORC

DA October 12, 1990

SEE Ohio Revised Code

SO Acronyms

ORDINARY HIGH WATER MARK

(CWA; RHA; CFR)

DA October 12, 1990

RT High Tide Line

RT Tidal Waters

SO Water Pollution

DEF (CFR) That line on the shore established by the fluctuations of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.

**ORDINARY MOMENT RESISTING
SPACE FRAME**

(SEA)

DA October 12, 1990

BT1 Moment Resisting Space Frame

BT2 Space Frames

BT3 Structures (DOE FRASE Vocabulary)

SO Construction

DEF (SEA) A moment resisting space frame not meeting special detailing requirements for ductile behavior.

ORGANIC

(EPA)

DA October 12, 1990

SO Environmental Protection Agency Glossary

DEF (EPA) (1) Referring to or derived from living organisms. (2) In chemistry, any compound containing carbon.

ORGANIC CHEMICALS

(EPA)

DA October 12, 1990

BT1 Chemical Substances

NT1 Acetylcholine

NT1 Alar

NT1 Dioxins

NT1 DNA

NT2 Plasmids

NT2 Recombinant DNA

NT1 Formaldehyde

NT1 Halogenated Organic Compounds

NT2 Chlorinated Hydrocarbons

NT3 Chlorofluorocarbons (CFCs)

NT3 DDT

NT3 Heptachlor

NT3 Polychlorinated Biphenyls

NT4 High Concentration PCBs

NT4 Low Concentration PCBs

NT4 Recycled PCBs

NT3 Polyvinyl Chloride

NT3 Trichloroethylene (TCE)

NT3 Vinyl Chloride

NT2 Fluorocarbons

NT3 Chlorofluorocarbons (CFCs)

NT2 Trihalomethane

NT1 High-Density Polyethylene

NT1 Hydrocarbons

NT2 Methane

NT1 Nitrilotriacetic Acid

NT1 Organic Peroxides

NT1 Phenols

NT1 Proteins

NT2 Antibodies

NT3 Monoclonal Antibodies

NT2 Carboxyhemoglobin

NT2 Restriction Enzymes

NT1 Ribonucleic Acid

NT1 Synthetic Organic Chemicals

NT2 Polyelectrolytes

NT2 Volatile Synthetic Organic Chemicals

NT1 Volatile Organic Compounds

NT2 Volatile Synthetic Organic Chemicals

RT Common Laboratory Contaminants

RT Technical Names

SO Environmental Protection Agency Glossary

DEF (EPA) Animal or plant-produced substances containing mainly carbon, hydrogen, and oxygen.

ORGANIC MATTER

(EPA)

DA October 12, 1990

NT1 Soil Conditioner

NT2 Compost

SO Environmental Protection Agency Glossary

DEF (EPA) Carbonaceous waste contained in plant or animal matter and originating from domestic or industrial sources.

ORGANIC PEROXIDES

(CFR)

DA October 12, 1990

BT1 Organic Chemicals

BT2 Chemical Substances

SO Hazardous Materials

DEF An organic peroxide is defined as an organic compound containing the bivalent $-O-O-$ structure and which may be considered a derivative of hydrogen peroxide where one or more of the hydrogen atoms have been replaced by organic radicals. Lauroyl peroxide and paramenthane hydroperoxide are examples of these types of materials.

ORGANISMS

(EPA)

DA October 12, 1990

NT1 Beneficial Organisms

NT1 Benthic Organisms (Benthos)

NT1 Heterotrophic Organisms

NT1 Hosts

NT1 Microorganisms

NT2 Bacteria

NT3 Coliform Organisms

NT4 Fecal Coliform Bacteria

NT3 Legionella

NT3 Recombinant Bacteria

NT2 Microbes

NT2 Pathogens

NT2 Viruses

NT1 Non-Target Organisms

RT Acclimatization

RT Adaptations

RT Aerobic

RT Autotrophic

RT Hybrid

RT Targets

SO Environmental Protection Agency Glossary

DEF (CFR) Any living things.

ORGANIZATIONS

DA February 1, 1991

NT1 Administrative Organizations

NT2 Agencies

NT3 Federal Agencies

NT4 Atomic Energy Commission

NT4 Cognizant Federal Agencies

NT4 DOE Design Agency

NT4 DOE Production Agency

NT4 Federal Aviation Administration

NT4 Lead Agencies

NT4 National Aeronautic and Space Administration

NT4 Nuclear Regulatory Commission

NT5 NRC Office of Nuclear Reactor Regulation

- NT5 NRC Office of Nuclear Regulatory Research
- NT4 Occupational Safety and Health Administration
- NT4 Office of Management and Budget
- NT4 Procuring Agencies
- NT4 U.S. Department of Energy
- NT5 Headquarters Operations
- NT5 Naval Reactors
- NT5 Operations Offices
 - NT6 Albuquerque Operations Office
 - NT6 Chicago Operations Office
 - NT6 Idaho Operations Office
 - NT6 Nevada Operations Office
 - NT6 Oak Ridge Operations Office
 - NT6 Richland Operations Office
 - NT6 San Francisco Operations Office
 - NT6 Savannah River Operations Office
- NT5 Program Offices
 - NT6 Office of the Assistant Secretary for Nuclear Energy
 - NT6 Office of the Assistant Secretary for Fossil Energy
 - NT6 Office of the Assistant Secretary for Defense Programs
 - NT6 Office of the Assistant Secretary for Conservation et.al.
 - NT6 Office of the Assistant Secretary for Environment, et. al.
 - NT7 Office of Special Projects
 - NT6 Office of Environmental Restoration and Waste Management
 - NT6 Office of New Production Reactors
 - NT6 Office of Civilian Radioactive Waste Management
 - NT6 Office of Energy Research
 - NT7 Office of Basic Energy Sciences
 - NT7 Office of Health and Environmental Research
- NT4 U.S. Department of Justice
- NT4 U.S. Department of Labor
- NT4 U.S. Department of Transportation
- NT5 Research and Special Programs Administration
- NT4 U.S. Environmental Protection Agency
 - NT5 Regional Office
- NT4 User Agencies
- NT3 Local Agencies
 - NT4 Implementing Agencies
 - NT4 Intermunicipal Agencies
 - NT4 Local Governments
 - NT4 Local Educational Agencies
- NT3 State Agencies
 - NT4 Air Pollution Control Agencies
 - NT5 Interstate Air Pollution Control Agencies
 - NT4 Colorado Department of Health
 - NT4 Division of the State Fire Marshall
 - NT4 Implementing Agencies
- NT4 Interstate Agencies
 - NT5 Interstate Air Pollution Control Agencies
- NT4 Missouri Department of Natural Resources
- NT4 New Mexico Environmental Improvement Division
- NT4 Ohio Bureau of Underground Storage Tank Regulation
- NT4 Ohio Department of Commerce
- NT4 Ohio Department of Health
- NT4 Ohio Environmental Protection Agency
- NT4 Procuring Agencies
- NT4 State Routing Agencies
- NT4 State Emergency Response Commission
- NT4 State Authority
- NT4 Tennessee Department of Commerce
 - NT5 Bureau of Environment
- NT4 Utah Department of Health
- NT3 Support Agencies
- NT2 Boards
 - NT3 Accrediting Boards
 - NT3 Energy Research Advisory Board
 - NT3 GDC Planning Board
 - NT3 Regional Water Quality Control Board
- NT2 Committees
 - NT3 Accident Response Capabilities Coordinating Committee
 - NT3 Advisory Committee on Reactor Safety
 - NT3 Emergency Management Coordination Committee
 - NT3 Interagency Committee on Standards Policy
 - NT3 Local Emergency Planning Committees
 - NT3 Metrication Operating Committee
 - NT3 Metric Transition Committee
 - NT3 Plant Oversight Review Committee
 - NT3 Regional Assistance Committees
 - NT3 Safety Review Committee
 - NT3 Subcommittee on Federal Response
 - NT3 Waste Acceptance Criteria Committee
- NT2 Divisions
 - NT3 Computer Operations Division
 - NT3 Health, Safety, and Environment Division
 - NT3 New Mexico Environmental Improvement Division
 - NT3 Occupational Health Division
- NT2 Groups
 - NT3 Accident Response Groups
 - NT3 Carcinogen Risk Assessment Verification Endeavor Workgroup
 - NT3 Emergency Management Coordination Committee Secretariat
 - NT3 Interagency Group on Energy Vulnerability
 - NT3 Purchasing Group
 - NT3 Reactor Materials Control Group
 - NT3 Risk Retention Group
 - NT3 Standards-developing Groups
- NT3 State and Tribal Government Working Group
- NT2 Indian Governing Bodies
- NT2 Offices
 - NT3 Grand Junction Projects Office
 - NT3 NRS Office for Analysis and Evaluation of Operational Data
 - NT3 NRS Office of Inspection and Enforcement
 - NT3 Office of Defense Waste and Transportation Management
 - NT3 Office of Management and Budget
 - NT3 Office of Technology Development
 - NT3 Office of Weapons Production
- NT3 Operations Offices
 - NT4 Albuquerque Operations Office
 - NT4 Chicago Operations Office
 - NT4 Idaho Operations Office
 - NT4 Nevada Operations Office
 - NT4 Oak Ridge Operations Office
 - NT4 Richland Operations Office
 - NT4 San Francisco Operations Office
 - NT4 Savannah River Operations Office
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 - NT4 Office of New Production Reactors
 - NT4 Office of Civilian Radioactive Waste Management
 - NT4 Office of Energy Research
 - NT5 Office of Basic Energy Sciences
 - NT5 Office of Health and Environmental Research
- NT3 Program Enrichment Office
- NT3 Regional Coordinating Offices
- NT3 Sample Management Offices
- NT2 Operating Organizations
- NT2 Program Organizations
- NT2 Teams
 - NT3 Management Teams
 - NT4 Accreditation Review Teams
 - NT4 Continuity of Government Emergency Management Teams
 - NT4 Crisis Management Teams
 - NT4 Emergency Management Teams
 - NT5 Energy Emergency Management Teams
 - NT5 Operational Emergency Management Teams
 - NT4 Headquarters Coordinating Teams
 - NT3 Response Teams
 - NT4 Airborne Response Teams

NT4 Emergency Support Teams
NT4 Emergency Response Teams
NT4 Energy Emergency Teams
NT4 Environmental Response Teams
NT4 Explosive Ordnance Disposal Teams
NT4 Hazardous Materials Response Teams
NT4 Hostage Negotiation Teams
NT4 National Response Teams
NT4 Nuclear Emergency Search Teams
NT4 Radiological Assistance Teams
NT4 Regional Response Teams
NT4 Special Response Teams
NT4 Tactical Response Teams
NT3 Tiger Teams
NT1 Commercial Organizations
NT2 Companies
NT3 Allied-Signal Inc.
NT3 Associated Universities, Inc.
NT3 Bechtel Petroleum Operation, Inc.
NT3 Boeing Petroleum Services
NT3 EG&G Energy Measurements, Inc.
NT3 EG&G Mound Applied Technologies, Inc.
NT3 EG&G Idaho, Inc.
NT4 System Safety Development Center
NT3 General Electric
NT3 Goodyear Atomic Corporation
NT3 International Business Machines
NT3 John Brown, E&C, Inc.
NT3 Kaiser Engineers Hanford, Co.
NT3 Lawrence-Allison & Associates
NT3 Martin Marietta Energy Systems
NT3 Mason and Hanger-Silas Mason Co.
NT3 Mississippi Power and Light
NT3 MK-Ferguson
NT3 MK-Ferguson of Idaho Co.
NT3 Ohio Valley Electric Company
NT3 Pan American World Services, INC.
NT3 Raytheon Services Nevada
NT3 Reactive Metals, Inc.
NT3 Reynolds Electrical and Engineering Company
NT3 Rockwell International Corp.
NT3 Ross Aviation, Inc.
NT3 Sandia Corporation AT&T Technologies, Inc.
NT3 Science Applications International Corporation
NT3 United Electric
NT3 Universities Research Association, Inc.
NT3 Wackenhut Services Inc.
NT3 West Valley Nuclear Services Co., Inc.
NT3 Westinghouse Electric Corp.
NT3 Westinghouse Idaho Nuclear Co., Inc.
NT3 Westinghouse Savannah River Company
NT3 Westinghouse Hanford Company
NT3 Westinghouse Materials Company of Ohio
NT2 Retailers
NT1 Educational Organizations

NT2 Central Training Academy
NT2 Universities
NT3 Iowa State University
NT3 Massachusetts Institute of Technology
NT3 North Carolina State University
NT3 Stanford University
NT3 University of Chicago
NT3 University of California
NT3 University of California-Irvine
NT1 Line Organizations
NT1 Matrix Organizations
NT1 Minority Institutions
NT1 Professional Bodies
NT2 American Society of Mechanical Engineers
NT2 Atomic Industrial Forum
NT2 Conference of Federal Environmental Engineers
NT2 Council on Environmental Quality
NT2 National Fire Protection Association
NT2 Natural Resource Defense Council
NT1 Regulatory Organizations
NT1 Research and Development Organizations
NT2 American National Metric Council
NT2 American Nuclear Society
NT2 Foundations
NT3 Hanford Environmental Health Foundation
NT3 Lovelace Medical Foundation
NT3 University of Georgia Research Foundation, Inc.
NT2 Institutes
NT3 American National Standards Institute
NT3 American Petroleum Institute
NT3 Battelle Memorial Institute
NT3 Electric Power Research Institute
NT4 Nuclear Safety Analysis Center
NT3 Inhalation Toxicology Research Institute
NT3 Institute of Electrical and Electronic Engineers
NT3 Institute for Nuclear Power Operations
NT3 Midwest Research Institute
NT3 National Institute for Occupational Safety and Health
NT3 National Institute of Standards and Testing
NT2 Laboratories
NT3 Argonne National Laboratory
NT4 Argonne National Laboratory-East (Chicago)
NT4 Argonne National Laboratory-West (At INEL)
NT3 Argonne National Laboratory-East (Chicago)
NT3 Argonne National Laboratory-West (At INEL)
NT3 Battelle Columbus Laboratories
NT3 Brookhaven National Laboratory
NT3 Idaho National Engineering Laboratory
NT4 Power Burst Facility
NT3 Laboratory for Energy-Related Health Research
NT3 Lawrence Livermore National Laboratory

NT3 Lawrence Berkeley Laboratory
NT3 Los Alamos National Laboratory
NT3 Nationally Recognized Testing Laboratories
NT3 Oak Ridge National Laboratory
NT3 Pacific Northwest Laboratory
NT3 Performance Testing Laboratories
NT3 Research & Development Laboratory
NT3 Sandia National Laboratories
NT4 Sandia National Laboratories-Albuquerque
NT4 Sandia National Laboratories-Livermore
NT2 National Academy of Sciences
NT2 Oak Ridge Associated Universities
NT2 Southeastern Universities Research Association, Inc.
NT1 Staff Organization
NT1 Voluntary Standards Bodies
RT Personnel
RT Procedures
SO Management
DEF (WTID) A group of people with a more or less constant membership, a body of officers, a purpose, and usually, a set of regulations. The group will also exhibit an administrative and functional structure including established relationships of personnel through lines of authority and responsibility with delegated and assigned duties.

ORGANOPHOSPHATES

(EPA)
DA October 12, 1990
BT1 Pesticides
BT2 Hazardous Substances
SO Environmental Protection Agency Glossary
DEF (EPA) Pesticide chemicals that contain phosphorus; used to control insects. They are short-lived, but some can be toxic when first applied.

ORGANOTINS

(EPA)
DA October 12, 1990
RT TBT Paints (Trybutilin)
SO Environmental Protection Agency Glossary
DEF (EPA) Chemical compounds used in antifoulant paints to protect the hulls of boats and ships, buoys, and dock pilings from marine organisms such as barnacles.

ORGDP

DA October 12, 1990
SEE Oak Ridge Gaseous Diffusion Plant
SO Acronyms

ORM

DA October 12, 1990
SEE Other Regulated Material
SO Acronyms

ORNL

DA October 12, 1990
 SEE Oak Ridge National Laboratory
 SO Acronyms

ORO

DA October 12, 1990
 SEE Oak Ridge Operations Office
 SO Acronyms

ORPS

DA May 20, 1991
 SEE Occurrence Reporting and
 Processing System
 SO Acronyms

ORTHOGONAL EFFECTS

(SEA)
 DA October 12, 1990
 BT1 Effects
 SO Construction
 DEF (SEA) The effects on the structure due to earthquake motions acting in directions other than parallel to the direction of resistance under consideration.

OSC

DA October 12, 1990
 SEE On-Scene Coordinators
 SO Acronyms
 SO Environmental Management

OSCILLOSCOPE(S)

(2763 OSCILLOSCOPE)
 DA January 3, 1991
 BT1 Testing Equipment
 BT2 Instrument(s)
 BT3 Equipment/Parts -
 Instrumentation/Measuring
 (DOE FRASE Voc.)
 BT4 Equipment
 SO DOE FRASE VOCABULARY

OSHA

DA October 12, 1990
 SEE Occupational Safety and Health
 Administration
 SO Acronyms

OSMOSIS

(EPA)
 DA October 12, 1990
 BT1 Biological Processes
 BT2 Processes
 NT1 Reverse Osmosis
 RT Permeability
 SO Environmental Protection Agency
 Glossary
 DEF (EPA) The tendency of a fluid to pass through a permeable membrane such as the wall of a living cell into a less concentrated solution so as to equalize the concentrations on both sides of the membrane.

OSP (Office of Special Projects)

DA May 7, 1991
 SEE Office of Special Projects
 SO Acronyms

OSP (Operational Safety Procedures)

DA October 12, 1990
 SEE Operational Safety Procedures
 SO Acronyms

OSP Coordinators

DA May 7, 1991
 SEE Office of Special Projects
 Coordinators
 SO Acronyms

OSR

DA October 12, 1990
 SEE Operational Safety Requirements
 SO Acronyms

OTD

DA October 12, 1990
 SEE Office of Technology Development
 SO Acronyms

OTHER COMPLICATIONS

(1397 OTHER COMPLI)
 DA November 28, 1990
 BT1 Illnesses
 SO DOE FRASE VOCABULARY

OTHER EQUIPMENT

(DOE Order 4330.4A)
 DA June 4, 1991
 BT1 Equipment
 SO Management
 DEF (DOE Order 4330.4A) Some examples in this category of equipment are office machines, vehicles and mobile equipment, helicopters, airplanes, and computers and other automated data-processing equipment.

OTHER NON-TASK ACTIVITY

(1253 ONT ACTIVITY)
 DA November 28, 1990
 BT1 Activity Types (DOE FRASE
 Vocabulary)
 BT2 Activities
 SO DOE FRASE VOCABULARY

OTHER REGULATED MATERIAL

(SWDA: RCRA; CFR)
 DA October 12, 1990
 SF ORM
 BT1 Materials
 NT1 Other Regulated Material - A
 NT1 Other Regulated Material - B
 NT1 Other Regulated Material - C
 NT1 Other Regulated Material - D
 NT1 Other Regulated Material - E
 SO Hazardous Materials
 DEF (CFR) Any material that does not meet the definition of a hazardous material, other than a combustible liquid in packaging having a

capacity of 110 gallons or less, and is specifically listed in the Table of Hazardous Materials (40 CFR 172.101) as an ORM. A material not listed in the Table of Hazardous Materials may also be considered an ORM.

OTHER REGULATED MATERIAL - A

(CFR)
 DA October 12, 1990
 BT1 Other Regulated Material
 BT2 Materials
 DEF (CFR) An ORM-A material has an anesthetic, irritating, noxious, toxic or other similar property and can cause extreme annoyance or discomfort to passengers and crews in the event of leakage during transportation. Phenacpton, thiram, chloroform, and carbaryl are examples of Other Regulated Materials-A.

OTHER REGULATED MATERIAL - B

(CFR)
 DA October 12, 1990
 BT1 Other Regulated Material
 BT2 Materials
 DEF (CFR) An ORM-B material is capable of causing significant damage to a transport vehicle or vessel from leakage during transportation (includes a solid when wet with water). An ORM-B material will be so designated in the Table of Hazardous Materials (172.101), or be a liquid substance that has a corrosion rate exceeding 0.250 inch per year on aluminum at a test temperature of 130°F(173.500(a)(2)). Ammonium hydrogen fluoride (solid), chloroplatinic acid (solid), and barium oxide are examples of materials classed as ORM-B.

OTHER REGULATED MATERIAL - C

(CFR)
 DA October 12, 1990
 BT1 Other Regulated Material
 BT2 Materials
 DEF (CFR) Every material classed as an ORM-C will be so listed and identified in the Table of Hazardous Materials (172.101). An ORM-C material has other inherent characteristics not included within the ORM-A or ORM-B classes, but which render the material unsuitable for shipment unless properly identified and prepared for transportation. One material considered in the Table of Hazardous Materials as an ORM-C is a magnetized material. A substance is considered to be a magnetized material if, when packaged for transport by air, it has a magnetic

field strength of 0.002 gauss or more at a distance of seven feet from any point of the surface of the package, or is of such a mass that it could affect the aircraft instruments, particularly the compasses. Petroleum coke, sawdust (when dry, clean, and free from oil), copra, castor beans and feed (wet, mixed) are examples of materials classed as ORM-C.

OTHER REGULATED MATERIAL - D (CFR)

DA October 12, 1990

BT1 Other Regulated Material

BT2 Materials

DEF (CFR) Materials, such as consumer commodities that would otherwise be subject to the hazardous materials regulations, that present a limited hazard during transportation because of their form, quantity, and packaging are classed as ORM-D; and ORM-D classification is only allowed when the material is granted an exception in a reference from the Table of Hazardous Materials. For example, a consumer commodity that contains a flammable solid and would ordinarily be classed as Flammable Solid, could be reclassified as an ORM-D material, provided the flammable solid is inside containers each having a net weight of one pound or less, packed in strong outside packagings each having a net weight of 25 pounds or less.

OTHER REGULATED MATERIAL - E (CFR)

DA October 12, 1990

BT1 Other Regulated Material

BT2 Materials

DEF Materials that are not included in any other hazard class but that are hazardous wastes or hazardous substances and so designated by the Environmental Protection Agency's regulations (Title 40, Code of Federal Regulations).

OTHER RESTRICTED ACCESS (NONSUBSTATION) LOCATIONS (TSCA; CFR)

DA October 19, 1990

BT1 Sites/Areas

RT Outdoor Electrical Substations

SO Hazardous Materials

DEF (CFR) Areas other than electrical substations that are at least 0.1 kilometer (km) from a residential/commercial area and limited by man-made barriers (e.g., fences and walls) to substantially limited by naturally occurring barriers such as

mountains, cliffs, or rough terrain. These areas generally include industrial facilities and extremely remote rural locations. (Areas where access is restricted but are less than 0.1 km from a residential/commercial area are considered to be residential/commercial areas.)

OTHER SKIN CONDITIONS

(1398 OTHER SKIN C)

DA November 28, 1990

BT1 Illnesses

RT Dermatitis

RT Skin

SO DOE FRASE VOCABULARY

OTHERWISE USE

(CERCLA; CFR)

DA October 12, 1990

BT1 Uses

RT Toxic Chemicals

SO Compensation and Liability

DEF (CFR) Any use of a toxic chemical that is not covered by the terms "manufacture" or "process" and includes use of a toxic chemical contained in a mixture or trade name product. Relabeling or redistributing a container of a toxic chemical where no repackaging of the toxic chemical occurs does not constitute use or processing of the toxic chemical.

OUTAGE

(ESH)

DA October 19, 1990

SY Ullage

SO Hazardous Materials

DEF (ESH) The amount by which a packaging falls short of being liquid full, usually expressed in percent by volume.

OUTDOOR ELECTRICAL SUBSTATIONS

(TSCA; CFR)

DA October 12, 1990

BT1 Sites/Areas

RT Other Restricted Access (nonsubstation) Locations

SO Hazardous Materials

DEF (CFR) Outdoor, fenced-off, and restricted access areas used in the transmission and/or distribution of electrical power. Outdoor electrical substations restrict public access by being fenced or walled off as defined in 40 CFR 761.30(l)(1)(ii). For purposes of this Toxic Substances Control Act (TSCA) policy, outdoor electrical substations are defined as being located at least 0.1 km from a residential/commercial area. Outdoor fenced-off and restricted access areas used in

the transmission and/or distribution of electrical power which are located less than 0.1 km from a residential/commercial area are considered to be residential/commercial areas.

OUTER CHUCK

DA January 8, 1991

SF OC

BT1 D Machines

DEF (NFI) Part of the reactor discharging machine.

OUTER HOUSING

DA January 8, 1991

SF OH

DEF (NFI) Denotes the outer housing of a fuel assembly.

OUTFALL

(EPA)

DA October 12, 1990

BT1 Sites/Areas

SO Environmental Protection Agency Glossary

DEF (EPA) The place where an effluent is discharged into receiving waters.

OUTLET/RECEPTACLE(S)

(2404 OUTLET)

DA January 3, 1991

BT1 Equipment/Parts - Electrical (DOE FRASE Vocabulary)

BT2 Equipment

SO DOE FRASE VOCABULARY

OUTLIER

(ESH)

DA October 12, 1990

RT Distribution

SO Management

DEF (ESH) An extreme value in a data set so far removed from the other values with which it is associated that the chance probability of its being a valid member of the group is very small. Such a questionable value may be eliminated from the group on the basis of further statistical investigations of the data set.

OUTSIDE AIR

(CAA; CFR)

DA October 12, 1990

SY Ambient Air

BT1 Air

SO Air Pollution

DEF (CFR) The air outside buildings and structures.

OUTSIDE CONTAINER

(SWDA; RCRA; ESH)

DA October 12, 1990

BT1 Containers

NT1 Strong Outside Containers

SO Hazardous Materials

DEF The outermost enclosure used in transporting a hazardous material other than a freight container.

OVEC

DA October 12, 1990

SEE Ohio Valley Electric Company

SO Acronyms

OVEN(S)

(2488 OVEN)

DA January 3, 1991

BT1 Heater(s)

BT2 Equipment/Parts - Heating (DOE FRASE Vocabulary)

BT3 Equipment

SO DOE FRASE VOCABULARY

OVERBURDEN

(EPA)

DA October 12, 1990

SO Environmental Protection Agency Glossary

DEF (EPA) The rock and soil cleared away before mining.

OVERFILL RELEASES

(SWDA; RCRA; CFR)

DA October 12, 1990

BT1 Releases

SO Wastes

DEF (CFR) Releases that occur when a tank is filled beyond its capacity, resulting in a discharge of the regulated substance to the environment.

OVERFIRE AIR

DA November 8, 1990

BT1 Air

RT Incinerators

SO Environmental Management

DEF Air forced into the top of an incinerator or boiler to fan the flames.

OVERHEAD CRANE

(2338 OVERHEAD CRA)

DA December 10, 1990

BT1 Crane(s)

BT2 Material Handling Device

BT3 Devices

BT3 Equipment/Parts - Material Handling (DOE FRASE Vocabulary)

BT4 Equipment

SO DOE FRASE VOCABULARY

OVERLAND FLOW

(EPA)

DA October 12, 1990

BT1 Land Application

RT Surface Waters

SO Environmental Protection Agency Glossary

DEF (EPA) A land application technique that cleanses wastewater by

allowing it to flow over a sloped surface. As the water flows over the surface, the contaminants are removed and the water is collected at the bottom of the slope for reuse.

OVERPACK

(SWDA; RCRA; ESH)

DA October 12, 1990

BT1 Packages

SO Hazardous Materials

DEF Enclosure that is used by a single consignor to provide protection or convenience in handling of a package or to consolidate two or more packages. Overpack does not include a freight container.

OVERPRESSURE

(DOE Order 6430.1A)

DA October 12, 1990

BT1 Pressure

RT PCB Transformer Rupture

RT Peak Positive Incident Pressure

RT Relief Valve Discharge

SO Construction

DEF (DOE Order 6430.1A) The maximal effective pressure is the highest of (1) the peak incident pressure, (2) the incident plus dynamic pressure, or (3) the reflected pressure (ref. TM 5-1300).

OVERSIGHTS AND OMISSIONS

(SSDC; MORT)

DA October 12, 1990

RT Assumed Risks

RT Events

RT Management Oversight and Risk Tree

RT Protection of the Public Health and Welfare

RT Root Cause Analysis

SO System Safety Development Center Glossary

DEF (SSDC) Those things which are overlooked or left out of an organization's plans due to inadvertence, which cause delays, problems, or failures in achieving stated goals. (MORT) In MORT analysis the tree structure depicts two fundamental causes of the adverse consequences of an Event: (1) Management Oversight and Omissions or (2) Assumed Risks. All contributing factors in an accident sequence are seen as Specific Oversight and Omissions until such time as they are transferred to Assumed Risks.

OVERTURN

(EPA)

DA October 12, 1990

SO Environmental Protection Agency Glossary

DEF (EPA) The period of mixing (turnover), by top to bottom circulation, of previously stratified water masses. This phenomenon may occur in spring and/or fall, or after storms. It results in a uniformity of chemical and physical properties of the water at all depths.

OWNERS

(SWDA; CAA; CFR; ESH; EMER)

DA October 12, 1990

SY Operators

BT1 Potentially Responsible Parties

BT1 Responsible Parties

RT Guarantors

RT Small Manufacturers

RT Water Suppliers

SO Air Pollution

SO Compensation and Liability

SO Emergency Preparedness

SO Environmental Management

SO Hazardous Materials

SO Wastes

SO Water Pollution

DEF (CFR) Owners or operators of any "facility or activity" subject to regulation under the Resource Conservation and Recovery Act (RCRA), Underground Injection Control (UIC), National Pollutant Discharge Elimination System (NPDES), or 404 programs. (a) In the case of an underground storage tank (UST) system in use on November 8, 1984, or brought into use after that date, persons who own an UST system used for storage, use, or dispensing of regulated substances; and (b) in the case of any UST system in use before November 8, 1984, but no longer in use on that date, persons who owned such UST immediately before the discontinuation of its use. Persons who own or operate a uranium mill or an existing tailings pile or a new impoundment.

OWP

DA October 12, 1990

SEE Office of Weapons Production

SO Acronyms

OWR

DA October 12, 1990

SEE Omega West Reactor

SO Acronyms

OX2 ASSEMBLY

(NFI)

DA October 12, 1990

SO Nuclear Facilities Incident Database

SO Radiation
DEF (NFI) Oxide assembly vs. metal alloy type.

OXIDANTS

(EPA)
DA October 12, 1990
BT1 Photochemical Smog
BT2 Air Pollutants
BT2 Air Pollution
BT3 Pollution
RT Oxidation
RT Oxidizing Materials
RT Photochemical Smog
SO Environmental Protection Agency Glossary
DEF (EPA) Substances containing oxygen that react chemically in air to produce a new substance. The primary ingredient of photochemical smog.

OXIDATION

(EPA)
DA October 12, 1990
BT1 Chemical Processes
BT2 Processes
NT1 Combustion
RT Corrosion
RT Disinfection
RT Oxidants
RT Oxidizing Materials
SO Environmental Protection Agency Glossary
DEF (EPA) (1) The addition of oxygen, which breaks down organic waste or chemicals such as cyanides, phenols, and organic sulfur compounds in sewage by bacterial and chemical means. (2) Oxygen combining with other elements. (3) The process in chemistry whereby electrons are removed from a molecule.

OXIDATION PONDS

(EPA)
DA October 12, 1990
SY Sewage Lagoons
RT Holding Ponds
RT Wastewater Treatment Processes
SO Environmental Protection Agency Glossary
DEF (EPA) Man-made lakes or bodies of water in which waste is consumed by bacteria. It is used most frequently with other waste-treatment processes. An oxidation pond is basically the same as a sewage lagoon.

OXIDIZING MATERIALS

(CFR)
DA October 12, 1990
BT1 Materials
RT Oxidants
RT Oxidation
SO Hazardous Materials
DEF (CFR) Substances that yields

oxygen readily to stimulate the combustion of organic matter are considered as an oxidizing material for the purposes of the Hazardous Materials Regulations. Peracetic Acid Solution, nitric acid (over 40%), and sodium peroxide are all examples of oxidizing material.

OXYGEN DEFICIENCIES

DA January 24, 1991
SO Environmental Management
DEF (CFR) Concentration of oxygen by volume below which atmosphere supplying respiratory protection must be provided. It exists in atmospheres where the percentage of oxygen by volume is less than 19.5 percent oxygen.

OXYGENATED SOLVENTS

(EPA)
DA October 12, 1990
BT1 Solvents
SO Environmental Protection Agency Glossary
DEF (EPA) Organic solvents containing oxygen as part of their molecular structure. Alcohols and ketones are oxygenated compounds often used as paint solvents.

OZONATORS

(EPA)
DA October 12, 1990
BT1 Devices
SO Environmental Protection Agency Glossary
DEF (EPA) Devices that add ozone to water.

OZONE

(EPA)
DA October 12, 1990
SF O₃
BT1 Criteria Pollutants
BT2 Pollutants
RT Photochemical Smog
RT Stratosphere
RT Troposphere
SO Environmental Protection Agency Glossary
DEF (EPA) Found in two layers of the atmosphere, the stratosphere and the troposphere. In the stratosphere (the atmospheric layer beginning 7 to 10 miles above the earth's surface), ozone is a form of oxygen found naturally which provides a protective layer shielding the earth from ultraviolet radiation's harmful health effects on humans and the environment. In the troposphere (the layer extending up 7 to 10 miles from the earth's surface), ozone is a chemical oxidant and major component of photochemical

smog. Ozone can seriously affect the human respiratory system and is one of the most prevalent and widespread of all the criteria pollutants for which the Clean Air Act required EPA to set standards. Ozone in the troposphere is produced through complex chemical reactions of nitrogen oxides, which are among the primary pollutants emitted by combustion sources; hydrocarbons, released into the atmosphere through the combustion, handling and processing of petroleum products; and sunlight.

OZONE DEPLETION

(EPA)
DA October 12, 1990
NT1 Antarctic "Ozone Hole"
RT Antarctic "Ozone Hole"
RT Halons
SO Environmental Protection Agency Glossary
DEF Destruction of the stratospheric ozone layer which shields the earth from ultraviolet radiation harmful to biological life. This destruction of ozone is caused by the breakdown of certain chlorine and/or bromine containing compounds (chlorofluorocarbons or halons) which break down when they reach the stratosphere and catalytically destroy ozone molecules.

O₃

DA October 12, 1990
SEE Ozone
SO Acronyms

P

DA October 12, 1990
SEE Primary Body Waves
SO Acronyms

P&ID

DA October 12, 1990
SEE Piping and Instrumentation Drawing
SO Acronyms

P-DELTA EFFECT

(SEA)
DA October 12, 1990
BT1 Effects
RT Building Frame Systems
SO Construction
DEF The secondary effect on shears and moments of frame members induced by the vertical loads acting on the laterally displaced building frame.

PA

DA October 12, 1990